

DATE OUT: February 21, 1996

SUBJECT: EP [x] MP [ ] PRODUCT CHEMISTRY REVIEW  
DP BARCODE No.: D220617 REG./File Symbol No.: 352-450  
PRODUCT NAME: Velpar ULW Herbicide  
COMPANY: DuPont Agricultural Products

TO: Bruce Kapner, SRRD (7508W)  
FROM: *ASmith* Alfred Smith, Chemist  
Product Chemistry Review Section  
Registration Support Branch/RD (7505W)  
THRU: Harold Podall, Section Head  
Product Chemistry Review Section  
Registration Support Branch/RD (7505W)

**SUMMARY OF FINDINGS:**

The information submitted satisfy the requirements of 40 CFR 158.155 - 158.190 and fulfills the reregistration requirements for the EP.

The Label meets the requirements of 40 CFR 156.10 with respect to the ingredient statement and the storage and disposal statements.

EP ☒ MP ☐ PRODUCT CHEMISTRY REVIEW

1. DP BARCODE No.: D220617 2. REG./File Symbol No.: 352-450
3. Registration ☐ 4. Reregistration ☒, Rereg Case No. \_\_\_\_\_
5. Product Name: Velpar ULW
6. Pesticide Type: Fungicide ☐ Herbicide ☒  
 Insecticide ☐ Rodenticide ☐ Antimicrobial ☐  
 Plant Growth Regulator ☐ Others: \_\_\_\_\_
7. Uses: Food ☐ Non food use ☒
8. Type of Submission: New ☐ Resubmission ☐ Amendment ☐  
 "ME-TOO" ☐ Alternate Formulation ☐ Repack ☐  
 Experimental Use Permit ☐ Other (Specify) Reregistration
9. If "Me-TOO" Registration, this product is ☐ is not ☐  
 similar or substantially similar to EPA's Reg. No.: \_\_\_\_\_,  
 If not, comment in Confidential Appendix A on the differences  
 between the registered and the new source where significant.

CONFIDENTIAL STATEMENT OF FORMULA, DATED / /199 :

10. Type of formulation and the sources of active ingredients:
- a. Non-integrated formulation system.....[x]
- b. Are all technical grade active ingredients used  
 registered? • yes ☒ • no ☐
- c. Integrated formulation system.....[ ]
11. Composition: The nominal concentrations (NC) of the active ingredients and the upper and lower certified limits (UCL & LCL) are as follows:

Active ingredient(s)	% by weight		
	NC	UCL	LCL
Hexazinone	75.0	77.25	72.75

12. The calculated NCs, based on the pure active ingredients (PAI), are identical to those on the label:

• yes [x] • no [ ]

13. The certified limits are within the standard limits as per 40CFR§158.175 or are adequately explained if different:

• yes [x] • no [ ]

14. Clearance of intentionally added ingredients in the formulation for the intended use:

a. Formulation intended for food use under 40CFR§180.1001:

• yes [ ] • no [ ] • Some are cleared, others are not [ ]

• Cleared under list: • c [ ] • d [ ] • e [ ]

b. Formulation intended for non-food use:

• yes [x] • no [ ] • Some are cleared, others are not [ ]

15. For products produced by an integrated formulation system:

• All impurities of toxicological significance have an UCL:

• yes [ ] • no [ ] • not applicable [ ]

• All other impurities  $\geq 0.1\%$  associated with the active ingredient in the product are reported at their nominal concentrations:

• yes [ ] • no [ ] • not applicable [ ]

PRODUCT LABEL, EPA RECEIVED / /199 :

16. The active ingredients statement (chemical identities, nominal concentrations) is consistent with the CSF • yes [x] • no [ ]

17. The formulation contains one of the following:

• 10% or more of a petroleum distillate: • yes [ ] • no [x]  
 • 1% or more of methyl alcohol: • yes [ ] • no [x]  
 • sodium nitrite at any level: • yes [ ] • no [x]  
 • a toxic List 1 inert at any level: • yes [ ] • no [x]  
 • arsenic in any form: • yes [ ] • no [x]

18. If yes to any of the above, does the inert ingredients statement contains a footnote indicating this?

• yes [ ]                      • no [ ]                      • not applicable [ ]

19. The appropriate physical and chemical hazards statement regarding flammability or explosive characteristics of the product are given on the label:

• yes [ ]                      • no [ ]                      • not applicable [x]

20. The storage and disposal instructions for the pesticide and container are in compliance with PR Notice 84-1 for household use products or PR Notice 83-3 for all other uses:

• yes [x]                      • no [ ]

PRODUCT CHEMISTRY DATA (SERIES 61 and 62)

<u>21. Chemical IDs/Manufacture/ Analytical Information</u>		<u>Data Required Fulfilled</u>	<u>MRID No.</u>
61-1	Chemical Identity	Y	43784720
61-2	Starting Materials & Manufact or Formulation Process	Y	" "
61-3	Discussion of Impurities	Y	" "
62-1	Preliminary Analysis	Y	43784721
62-2	Certified Limits	Y	43784722
62-3	Enforcement Analytical Method	Y	43697707



## PRODUCT CHEMISTRY DATA (SERIES 63)

<u>24. Physical/Chemical Properties</u>	<u>Data Required Fulfilled</u>	<u>Value or Qualitative Description</u>	<u>MRID No.</u>
63-3 Physical State	Y	Solid	43784723
63-7 Density/Bulk Density	Y	0.62 gm/ml	" "
63-12 pH of Product	Y	8.3	" "
63-15a Flammability-Flash Point	NA		
63-15b Flame Extension	NA		
63-16 Explodability	NA		
63-17 Storage Stability	Pending		
63-18 Viscosity	NA		
63-19 Miscibility (With Hydrocarbon solvents)	NA		
63-20 Corrosion Characteristics	Y	None	43784724
63-21 Dielectric Breakdown Voltage		NA	

**Explanations:** Y = The Requirements Were Fulfilled; N = The Requirements Were Not Fulfilled; NA = Not Applicable; G = Data Gap; U = Requires Upgrading; I = Incomplete or In Progress; W = Waived.